



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: DeWitt, Jr. et al.

Serial No.: 10/757,197

Filed: January 14, 2004

For: **Method and Apparatus for  
Optimizing Code Execution Using  
Annotated Trace Information Having  
Performance Indicator and Counter  
Information**

35525

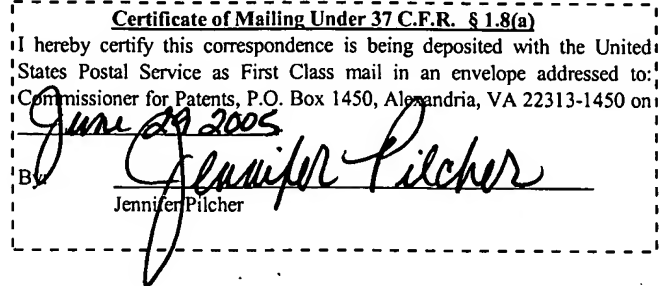
PATENT TRADEMARK OFFICE  
CUSTOMER NUMBER

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Group Art Unit: 2192

Examiner: **Dam, Tuan Quang**

Attorney Docket No.: AUS920030556US1



**TRANSMITTAL DOCUMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

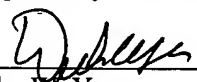
Sir:

ENCLOSED HEREWITH:

- Supplemental Information Disclosure Statement;
- Form PTO-1449;
- References AA-AX; and
- Our return postcard.

No fees are believed to be necessary. If, however, any fees are required, I authorize the Commissioner to charge these fees which may be required to Deposit Account No. 09-0447. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to Deposit Account No. 09-0447.

Respectfully submitted,

  
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In re application of: **DeWitt, Jr. et al.**

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§ Examiner: Dam, Tuan Quang  
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. 1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97.

Please charge any fees necessary for prosecution of the present application to Deposit Account No. 09-0447. If any extension of time is required, such extension is hereby requested. Please charge any additional required fee for extension of time to Deposit Account No. 09-0447.

In accordance with 37 C.F.R. 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standards of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to

the Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made.

This Supplemental Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) within three months of the filing date of the application, or before the mailing date of a first office action on the merits. No fee is required.

Date: 6/2/05

Respectfully submitted,



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Form PTO-1449

LIST OF PRIOR ART CITED  
BY APPLICANT

(Use several sheets if necessary)

ATTORNEY DOCKET NO.

AUS920030556US1

SERIAL NO.

10/757,197

APPLICANT DeWitt, Jr. et al.

FILING DATE January 14, 2004

GROUP ART UNIT 2192

## RELATED PATENT APPLICATIONS

EXAMINER INITIAL	APPLICATION NO./ ATTY. DOCKET NO.	APPLICANT	TITLE	FILING DATE
	AA 10/675,777 / AUS920030477US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Instruction Execution and Data Accesses	Sep. 30, 2003
	AB 10/674,604 / AUS920030478US1	DeWitt, Jr. et al.	Method and Apparatus for Selectively Counting Instructions and Data Accesses	Sep. 30, 2003
	AC 10/675,831 / AUS920030479US1	DeWitt, Jr. et al.	Method and Apparatus for Generating Interrupts Upon Execution of Marked Instructions and Upon Access to Marked Memory Locations	Sep. 30, 2003
	AD 10/675,776 / AUS920030481US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Data Accesses and Instruction Executions that Exceed a Threshold	Sep. 30, 2003
	AE 10/675,776 / AUS920030481US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Execution of Specific Instructions and Accesses to Specific Data Locations	Sep. 30, 2003
	AF 10/675,751 / AUS920030482US1	DeWitt, Jr. et al.	Method and Apparatus for Debug Support for Individual Instructions and Memory Locations	Sep. 30, 2003
	AG 10/675,721 / AUS920030483US1	Levine et al.	Method and Apparatus to Autonomically Select Instructions for Selective Counting	Sep. 30, 2003
	AH 10/674,642 / AUS920030484US1	Levine et al.	Method and Apparatus to Autonomically Count Instruction Execution for Applications	Sep. 30, 2003
	AI 10/674,606 / AUS920030485US1	Levine et al.	Method and Apparatus to Autonomically Take an Execution on Specified Instructions	Sep. 30, 2003
	AJ 10/675,783 / AUS920030486US1	Levine et al.	Method and Apparatus to Autonomically Profile Applications	Sep. 30, 2003
	AK 10/675,872 / AUS920030487US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Instruction and Memory Location Ranges	Sep. 30, 2003
	AL 10/757,250 / AUS920030488US1	Levine et al.	Method and Apparatus for Maintaining Performance Monitoring Structures in a Page Table for use in Monitoring Performance of a Computer Program	Jan. 14, 2004
	AM 10/757,186 / AUS920030540US1	DeWitt, Jr. et al.	Method and Apparatus for Qualifying Collection of Performance Monitoring Events by Types of Interrupt when Interrupt Occurs	Jan. 14, 2004
	AN 10/757,198 / AUS920030541US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Interrupts by Type	Jan. 14, 2004
	AO 10/757,192 / AUS920030543US1	DeWitt, Jr. et al.	Method and Apparatus for Providing Pre and Post Handlers for Recording Events	Jan. 14, 2004
	AP 10/757,248 / AUS920030544US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Instruction Execution and Data Accesses to Identify Hot Spots	Jan. 14, 2004
	AQ 10/757,256 / AUS920030545US1	DeWitt, Jr. et al.	Method and Apparatus for Autonomic Detection of Cache "Chase Tail" Conditions and Storage of Instructions/Data in "Chase Tail" Data Structure	Jan. 14, 2004
	AR 10/757,269 / AUS920030549US1	DeWitt, Jr. et al.	Method and Apparatus for Autonomically Initiating Measurement of Secondary Metrics Based on Hardware Counter Values for Primary Metrics	Jan. 14, 2004
	AS 10/757,237 / AUS920030550US1	DeWitt, Jr. et al.	Autonomic Method and Apparatus for Counting Branch Instructions to Improve Branch Predictions	Jan. 14, 2004
	AT 10/757,171 / AUS920030551US1	DeWitt, Jr. et al.	Autonomic Method and Apparatus for Hardware Assist for Patching Code	Jan. 14, 2004
	AU 10/757,156 / AUS920030552US1	DeWitt, Jr. et al.	Autonomic Method and Apparatus for Local Program Code Reorganization Using Branch Count per Instruction Hardware	Jan. 14, 2004
	AV 10/757,212 / AUS920030553US1	DeWitt, Jr. et al.	Method and Apparatus for Generating Interrupts Based on Arithmetic Combinations of Performance Counter Values	Jan. 14, 2004
	AW 10/757,249 / AUS920030554US1	DeWitt, Jr. et al.	Method and Apparatus for Identifying False Cache Line Sharing	Jan. 14, 2004
	AX 10/757,227 / AUS920030555US1	DeWitt, Jr. et al.	Method and Apparatus for Autonomically Moving Cache Entries to Dedicated Storage when False Cache Line Sharing is Detected	Jan. 14, 2004

DATE CONSIDERED

EXAMINER

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.